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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Roger Sandstrom

Title: Thread Coupling For A Drill String
For Percussive Rock Drilling

U.S. National Phase of PCT/SE99/01652

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Commissioner for Patents
Washington, D.C. 20231

Attn: PCT-US/EO

ABSTRACT OF THE DISCLOSURE

- -A thread coupling for a drill string for percussive drilling has a male thread (5) and a cooperating female thread (4). The male thread is arranged on a first drill string element (3) having a first impact surface (6). The female thread is arranged on a second drill string element (2) having a second impact surface (7). The male and female threads are conical, and the crests (8) of the male thread (5) have a radius of curvature more than thirty degrees of the pitch of the thread.- -

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